| Ii | ndex | of Cla | aims |  |
|----|------|--------|------|--|
|    |      |        |      |  |

| _ | Application/Control No. | Applicant(s)/Patent under Reexamination |  |  |  |  |  |  |  |
|---|-------------------------|---|--|--|--|--|--|--|--|
|   | 10/740,489              | BALTUS ET AL.                           |  |  |  |  |  |  |  |
|   | Examiner                | Art Unit                                |  |  |  |  |  |  |  |
|   | Wilson Tsui             | 2178                                    |  |  |  |  |  |  |  |

| Rejected    | - | (Through numeral)<br>Cancelled |  |  |  |  |  |
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| <br>Allowed | ÷ | Restricted                     |  |  |  |  |  |

| N | Non-Elected  |
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| ı | Interference |

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|       |          |         |          |         |   |            |          | 7       |          |  |        |       |          |   |   |          |   |   |          |   |         |         |
|-------|----------|---------|----------|---------|---|------------|----------|---------|----------|--|--------|-------|----------|---|---|----------|---|---|----------|---|---------|---------|
| Cla   | im       | Date    |          |         |   | Date Claim |          |         |          | im   | n Date |       |          |   |   |          |   |   |          |   |         |         |
| Final | Original | 4/27/07 |          |         |   |            |          |         |          |  |        | Final | Original |   |   |          |   |   |          | , |         |         |
|       | 1        | ٧       |          |         |   |            |          |         |          |  |        |       | 51       |   |   |          |   |   |          |   |         |         |
|       | 2        | -       |          |         |   |            |          |         |          |  |        |       | 52       |   |   |          |   |   |          |   |         |         |
|       | 3        | 1       |          |         |   |            |          |         |          |  |        |       | 53       |   |   |          |   |   |          |   |         |         |
|       | 4        | ٧       |          |         |   |            |          |         |          |  | [      |       | 54       |   |   |          |   |   |          |   |         |         |
|       | 5        | ٧       |          |         |   |            |          |         |          |  |        |       | 55       |   |   |          |   |   |          |   |         |         |
|       | 6        | 1       |          |         |   |            |          |         |          |  |        |       | 56       |   |   |          |   |   |          |   |         |         |
|       | 7        | V       |          |         |   |            |          |         |          | Г  |        |       | 57       |   |   |          |   |   |          |   |         |         |
|       | 8        | -       |          |         |   |            |          |         |          |  |        |       | 58       |   |   |          |   |   |          |   |         |         |
|       | 9        | -       |          |         |   |            |          |         |          |  | ] [    |       | 59       |   |   |          |   |   |          |   |         |         |
|       | 10       | V       | Г        |         |   |            | ···      | Γ       | Γ        |  | ìi     |       | 60       |   |   |          |   |   |          |   |         |         |
|       | 11       | V       |          |         |   |            |          | Π       |          |  |        |       | 61       |   |   |          |   |   |          |   |         |         |
|       | 12       | 1       |          |         |   |            |          |         |          |  |        |       | 62       |   |   |          | _ |   |          |   |         |         |
|       | 13       | -       |          | Ī       | T | T          |          |         |          |  | ]      |       | 63       |   |   |          |   |   |          |   |         |         |
|       | 14       | 1       |          |         |   |            |          |         |          |  | ]      |       | 64       |   |   |          |   | Ľ |          | Ľ |         |         |
|       | 15       | 1       |          |         |   | П          |          |         |          |  | ]      |       | 65       |   |   |          |   |   |          |   |         |         |
|       | 16       | V       |          |         |   | Π          |          | П       |          |  | 1      |       | 66       |   |   |          |   |   |          | П |         |         |
|       | 17       | П       |          |         | Г | П          |          | Γ       |          |  | 1      |       | 67       |   |   |          |   |   |          |   | Г       | Γ       |
|       | 18       |         |          |         |   |            |          | Г       | <u> </u> |  | 1      |       | 68       |   |   |          |   |   |          |   |         | Г       |
|       | 19       | Г       | i        |         | T | <u> </u>   |          |         |          | Г  | 1      |       | 69       |   |   |          | _ | T | <u> </u> |   |         | Г       |
|       | 20       |         | Г        | Г       |   | 1          |          |         |          |  | 1      |       | 70       |   |   |          |   | Π |          | Π |         |         |
|       | 21       |         |          |         |   |            |          |         |          | <del>                                     </del> | 1 1    |       | 71       |   |   |          |   |   |          |   |         |         |
|       | 22       |         |          | Г       |   |            |          |         |          |  | 1      |       | 72       |   |   |          |   | Π |          |   | Г       |         |
|       | 23       |         |          | I       |   |            |          |         |          |  |        |       | 73       |   |   |          |   |   |          |   | Г       |         |
|       | 24       |         | Γ        | Г       | Г |            |          |         |          |  | 1      |       | 74       |   |   |          |   |   |          |   |         |         |
|       | 25       | _       |          | Г       |   |            |          |         |          |  | 1 1    |       | 75       |   |   |          |   |   | 1        |   |         | П       |
|       | 26       |         |          |         |   |            |          |         |          |  | 1      |       | 76       |   |   |          |   |   |          |   |         |         |
|       | 27       |         |          | Π       |   |            |          |         |          |  | 1      |       | 77       |   |   |          |   |   |          |   |         |         |
|       | 28       | İ       |          |         |   |            |          | Т       | $\top$   | <u> </u>   | 1      |       | 78       |   |   |          |   |   |          |   |         |         |
|       | 29       |         |          |         |   |            |          | 1       |          | T  | 1      |       | 79       |   |   |          |   |   |          |   |         |         |
|       | 30       | Τ       | _        |         |   |            |          |         |          |  | 1      |       | 80       |   |   |          |   |   |          | Π | Ī .     | Γ.      |
|       | 31       |         |          | T       | T |            | 1        |         |          |  | 1      |       | 81       |   |   |          |   |   |          |   |         |         |
|       | 32       |         | Γ        |         | Π | Π          |          |         |          |  | ]      |       | 82       |   |   |          |   |   |          |   |         |         |
|       | 33       | Ĺ       |          |         |   | $\Gamma$   | Γ        |         |          |  |        |       | 83       |   |   |          |   |   |          |   |         |         |
|       | 34       |         |          |         |   |            |          | T       |          | Г  |        |       | 84       |   |   |          |   |   |          |   |         |         |
|       | 35       | Π       |          |         |   |            |          |         |          |  | ]      |       | 85       |   |   |          |   |   | $\Box$   |   | $L^-$   | $\Box$  |
|       | 36       |         |          |         |   |            |          |         |          |  | ]      |       | 86       |   |   | <u> </u> |   |   | $\Box$   |   |         |         |
|       | 37       |         |          |         |   |            |          |         |          |  | ]      |       | 87       |   |   |          |   |   |          |   |         |         |
|       | 38       | 1       | Π        | 1       | 1 | 1          |          |         | $\top$   | Π  | 1      |       | 88       |   |   | Π        |   |   |          |   |         |         |
|       | 39       |         |          | 1       | 1 |            |          | 1       | 1        | Π  | 1      |       | 89       |   |   |          |   | Π | L        |   |         |         |
|       | 40       | $\top$  | 1        | T       |   |            |          |         |          |  | 1      |       | 90       |   |   |          |   |   | $\Gamma$ |   |         | $\Box$  |
|       | 41       |         | Π        |         |   |            | $\top$   |         | $\top$   | T  | 1      |       | 91       |   |   |          |   |   |          |   |         |         |
|       | 42       |         | Γ        |         |   |            |          |         |          |  | ]      |       | 92       | L | L |          |   |   | $\Box$   |   | Г       | $\Box$  |
|       | 43       |         |          |         |   |            |          |         |          | Γ  | ]      |       | 93       |   |   |          |   |   |          |   |         | $L^{-}$ |
|       | 44       |         |          |         |   |            |          |         |          | Γ  | ] .    |       | 94       |   |   | L        |   |   |          |   | $L^{-}$ |         |
|       | 45       |         |          |         |   |            |          |         | $\Gamma$ | Γ  | ]      |       | 95       |   |   | L        |   |   |          |   |         |         |
|       | 46       |         | Γ        |         |   | Γ          |          |         |          |  |        |       | 96       |   |   |          |   |   |          |   |         |         |
|       | 47       |         |          |         | Ι | Ι          | I        | Γ       | Ĺ        |  | ]      |       | 97       |   |   |          |   |   |          |   |         |         |
|       | 48       |         |          |         |   |            | $\Gamma$ |         | Ι        |  | ]      |       | 98       |   |   |          |   |   |          |   |         |         |
|       | 49       | Π       | $\Gamma$ | $\prod$ |   | $\prod$    |          |         |          |  |        |       | 99       |   |   |          | L |   |          |   |         | 匚       |
|       | 50       |         |          |         |   |            |          | $\prod$ |          |  |        |       | 100      |   |   |          |   |   |          |   |         |         |

| Cla      | aim  | Date     |              |              |              |              |              |          |          |             |  |  |
|----------|--|----------|--------------|--------------|--------------|--------------|--------------|----------|----------|-------------|--|--|
|          |  |          |              | -            |              |              |              | ٠,       |          | $\neg \neg$ |  |  |
| Final    | Original                                     |          |              |              |              |              |              |          |          |             |  |  |
|          | 51<br>52<br>53                               |          |              |              |              | П            |              |          |          |             |  |  |
|          | 52   |          |              |              |              |              |              |          |          |             |  |  |
|          | 53   |          |              |              |              |              |              |          |          |             |  |  |
|          | 54<br>55                                     |          |              |              |              |              |              |          |          |             |  |  |
|          | 55   |          |              |              |              |              |              |          |          | Щ           |  |  |
|          | 56   | _        |              |              |              |              |              |          | _        | Н           |  |  |
|          | 57<br>58                                     |          |              | _            | ⊢            |              |              | _        | _        | Н           |  |  |
|          | 59   | _        |              | _            | _            | _            |              |          |          |             |  |  |
|          | 60   | _        |              | ├            |              |              |              |          |          |             |  |  |
|          | 61   |          |              |              |              |              |              |          |          |             |  |  |
|          | 60<br>61<br>62                               |          |              |              |              | Г            |              |          | _        |             |  |  |
|          | 63<br>64<br>65                               |          |              |              |              |              |              |          |          |             |  |  |
|          | 64   |          |              |              |              |              |              |          |          |             |  |  |
| <u> </u> | 65   |          | _            | _            |              |              | _            |          | L        | <u> </u>    |  |  |
|          | 66<br>67                                     |          |              | <u> </u>     | <u> </u>     | $\vdash$     | _            |          | $\vdash$ | $\vdash$    |  |  |
|          | 67   |          |              |              |              | <u> </u>     |              |          | _        | <u> </u>    |  |  |
| <b></b>  | 68<br>69                                     | _        |              | _            | <u> </u>     |              |              |          |          | $\vdash$    |  |  |
| -        | 70   | -        |              |              | $\vdash$     | <del> </del> |              | -        | ┢        | $\vdash$    |  |  |
|          | 71   |          | _            |              | -            | $\vdash$     | <del> </del> |          |          |             |  |  |
| $\vdash$ | 72   |          |              |              | $\vdash$     | $\vdash$     |              |          | ┢        |             |  |  |
|          | 73   |          | _            | $\vdash$     |              |              |              |          | _        |             |  |  |
|          | 74   |          |              |              |              |              |              |          |          |             |  |  |
|          | 70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 |          |              | <u> </u>     |              |              |              |          |          |             |  |  |
|          | 76   |          |              | <u> </u>     | <u> </u>     | <u> </u>     |              |          | _        | _           |  |  |
|          | 77   |          |              | -            | <del> </del> | <b></b> -    |              |          | _        |             |  |  |
| -        | 79   |          | _            | <del> </del> |              |              | ├            |          | -        |             |  |  |
|          | 80   | -        | <del> </del> |              |              | $\vdash$     | ┢            | -        |          | -           |  |  |
| $\vdash$ | 81   |          | -            | -            | ┢            |              |              | -        |          | ┢           |  |  |
| <u> </u> | 82   |          |              |              | T            |              |              | _        |          |             |  |  |
|          | 82<br>83                                     |          |              |              |              |              |              |          |          |             |  |  |
|          | 84   |          |              |              |              |              |              |          |          |             |  |  |
|          | 85   |          |              |              | _            | <u> </u>     |              |          | L        | L           |  |  |
|          | 86   | $\vdash$ | <u> </u>     | _            | <u> </u>     | <u> </u>     | _            | _        |          | 1           |  |  |
|          | 87   | $\vdash$ |              | $\vdash$     | -            | <u> </u>     | -            |          | $\vdash$ | $\vdash$    |  |  |
| ļ        | 88<br>89                                     |          | -            | $\vdash$     |              | -            | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$    |  |  |
| -        | 90   | $\vdash$ | H            | $\vdash$     | $\vdash$     | ├-           | ├            | $\vdash$ | $\vdash$ | $\vdash$    |  |  |
| $\vdash$ | 91   |          | <u> </u>     | -            | -            | 一            | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$    |  |  |
|          | 92   |          |              |              | İ            | ✝            | <b> </b>     |          | T        | T           |  |  |
|          | 93   |          |              |              |              |              |              |          |          |             |  |  |
|          | 94   |          |              |              |              |              |              |          |          |             |  |  |
|          | 95   |          |              | Ľ            | Ĺ            |              |              |          | $\Box$   | ullet       |  |  |
|          | 96   | _        | _            | _            | <u> </u>     |              | <u> </u>     | <u> </u> | _        | _           |  |  |
| <u></u>  | 97   | _        | _            | ļ            | -            | ↓_           | <u> </u>     | <u> </u> | <u> </u> | ऻ_          |  |  |
| $\vdash$ | 98<br>99                                     | $\vdash$ | -            | -            | -            | ┼            | -            | $\vdash$ | $\vdash$ | $\vdash$    |  |  |
| $\vdash$ | 100  | -        | <del> </del> | $\vdash$     | $\vdash$     | $\vdash$     | -            | $\vdash$ | +-       | ┼           |  |  |

| Claim    |  | Date         |  |          |  |  |  |                |              |           |  |  |
|----------|--|--------------|--|----------|--|--|--|----------------|--------------|-----------|--|--|
| _ Cla    |  |              | _  | _        | ate  | •  |  |                |              |           |  |  |
| Final    | Original   |              |  |          |  |  |  |                |              |           |  |  |
|          | 101<br>102   |              |  |          |  |  |  |                |              |           |  |  |
|          | 102  |              | _  |          |  |  |  |                |              | _         |  |  |
|          | 103<br>104<br>105  | $\dashv$     |  |          |  |  | _  |                |              | 4         |  |  |
|          | 104  | Н            | _  |          |  |  | _  |                |              |           |  |  |
|          | 105  |              | -  | _        |  |  |  |                | -            | $\dashv$  |  |  |
|          | 100  | $\vdash$     | -  |          | _  |  | _  |                | -            | $\dashv$  |  |  |
|          | 106<br>107<br>108<br>109   | -            | _  |          |  |  | $\vdash$   |                | $\dashv$     | $\dashv$  |  |  |
|          | 109  |              |  |          |  | <u> </u>   | $\vdash$   |                |              |           |  |  |
|          | 110<br>111<br>112<br>113   |              |  |          |  |  | -  | $\vdash$       |              | $\dashv$  |  |  |
|          | 111  |              | _  |          |  | Г  | $\vdash$   |                |              | $\exists$ |  |  |
|          | 112  |              |  |          | $\vdash$   |  |  |                |              |           |  |  |
|          | 113  |              |  |          |  |  |  |                |              |           |  |  |
|          | 114  |              |  |          |  |  |  |                |              |           |  |  |
|          | 114<br>115<br>116<br>117<br>118  |              |  |          |  |  |  | L              |              |           |  |  |
|          | 116  |              |  | <u> </u> | <u> </u>   |  | <u> </u>   | <u> </u>       |              |           |  |  |
|          | 117  | _            |  | <u> </u> | _  | <u> </u>   | <u> </u>   | ļ              | ļ            |           |  |  |
|          | 118  |              | _  | ļ        | <u> </u>   | <u> </u>   | _  | <u> </u>       | _            |           |  |  |
|          | 119  |              |  |          | _  | <u> </u>   | L  | <u> </u>       | ļ            | H         |  |  |
|          | 120  | $\vdash$     | _  | $\vdash$ | ⊢  | ⊢  |  | _              |              | Н         |  |  |
|          | 122  | <del> </del> |  | -        | $\vdash$   |  | $\vdash$   | -              |              | ├─┤       |  |  |
|          | 123  | $\vdash$     | <u> </u>   | -        |  |  | $\vdash$   | $\vdash$       | $\vdash$     | Н         |  |  |
|          | 124  | <del> </del> |  |          |  | ┢  | <del>                                     </del> | -              | $\vdash$     | Н         |  |  |
|          | 125  | $\vdash$     | _  | -        |  | H  | $\vdash$   | _              |              | Н         |  |  |
|          | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130<br>131<br>132<br>133<br>134<br>135 |              |  |          |  | $\vdash$   | Г  |                |              | П         |  |  |
|          | 127  |              |  |          |  |  |  |                |              |           |  |  |
|          | 128  |              |  |          |  |  |  |                |              |           |  |  |
|          | 129  |              |  |          |  |  |  |                |              |           |  |  |
|          | 130  | _            |  |          | L  |  | _  | _              | _            | Ш         |  |  |
|          | 131  | ļ            | <u> </u>   |          | <u> </u>   | _  | L  | _              |              | Ш         |  |  |
|          | 132  | ┞            | <u> </u>   |          | <del> </del>                                     |  | ـــــ  |                |              | Ш         |  |  |
| <u> </u> | 133  | ├—           | _  | -        | _  | <u> </u>   | -  | ⊢              |              | $\vdash$  |  |  |
|          | 135  | -            |  |          | ┢  | ├  | <del> </del>                                     | ├              | ⊢            | Н         |  |  |
| <u> </u> | 136  | -            | -  |          | ┢  |  | ┢  | -              | ├─           | Н         |  |  |
|          | 136<br>137<br>138<br>139   | ╁            | -  | $\vdash$ | ┢  | <del>                                     </del> | ┢  | <del> </del> — | H            | Н         |  |  |
|          | 138  | ╫            | <del>                                     </del> | $\vdash$ | <del>                                     </del> | ┢  | $\vdash$   | 一              |              | Н         |  |  |
|          | 139  | $\vdash$     | _  | <u> </u> | 1  |  |  |                | <u> </u>     | $\Box$    |  |  |
|          | 140  | $\vdash$     | _  |          |  | T  | T  |                |              |           |  |  |
|          | 141  |              |  |          |  |  |  |                |              |           |  |  |
|          | 142  |              |  |          |  |  |  |                |              |           |  |  |
|          | 143  |              |  |          |  |  |  | <u> </u>       | _            | Ш         |  |  |
| <u> </u> | 144  | <u> </u>     | ļ  | <b>—</b> | $\vdash$   | $\vdash$   |  | <u> </u>       | <del> </del> |           |  |  |
|          | 145  | 1            | <u> </u>   | <u> </u> |  | <del> </del>                                     | <del> </del>                                     | 1              | $\vdash$     | Н         |  |  |
| <u> </u> | 146  | ┼            |  | ├        | ├-   | ┼-   | $\vdash$   | ⊬              | ₩            |           |  |  |
| <u> </u> | 147<br>148   |              | -  | ┼        | -  | ┼-   | +  | ╁              | <del> </del> | $\vdash$  |  |  |
| $\vdash$ | 149  | ┼─-          |  | ┼─       | $\vdash$   | ╁  | $\vdash$   | $\vdash$       | ┼            | $\vdash$  |  |  |
| <b> </b> | 150  | $\vdash$     | $\vdash$   | $\vdash$ | $\vdash$   | $t^-$  | $\vdash$   | +              | ┼┈           | H         |  |  |
| Щ_       | 1 100  | 1            | <u> </u>   |          | ــــــــــــــــــــــــــــــــــــــ           | ــــــــــــــــــــــــــــــــــــــ           | Ц_   |                |              | ш         |  |  |